

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 12-2004)		ATTORNEY'S DOCKET NUMBER 68-05	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/540759	
INTERNATIONAL APPLICATION NO. PCT/NZ2003/000294	INTERNATIONAL FILING DATE 24 December 2003	PRIORITY DATE CLAIMED 24 December 2002	
TITLE OF INVENTION ENZYMEs AND POLYNUCLEOTIDES ENCODING THE SAME			
APPLICANT(S) FOR DO/EO/US Sol GREEN, Ellen FRIEL, Lesley BEUNING, Elspeth MACRAE, Adam MATICH			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV 642 816 555 US 23. <input checked="" type="checkbox"/> Other items or information: Receipt postcard Application Data Sheet 			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER																						
10540759		PCT/NZ2003/000294		68-05 Rec'd PCT/PTO 24 JUN 2005																						
24. The following fees are submitted:																										
<table border="1"> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee</td> <td>\$300.00</td> <td>\$</td> <td>\$300.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee</td> <td>\$200.00</td> <td>\$</td> <td>\$200.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee</td> <td>\$500.00</td> <td>\$</td> <td>\$500.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$1000.00</td> <td>\$</td> <td>\$1,000.00</td> <td></td> </tr> </table>						<input checked="" type="checkbox"/> a) Basic national fee	\$300.00	\$	\$300.00		<input checked="" type="checkbox"/> b) Examination fee	\$200.00	\$	\$200.00		<input checked="" type="checkbox"/> c) Search fee	\$500.00	\$	\$500.00		TOTAL OF ABOVE CALCULATIONS =		\$1000.00	\$	\$1,000.00	
<input checked="" type="checkbox"/> a) Basic national fee	\$300.00	\$	\$300.00																							
<input checked="" type="checkbox"/> b) Examination fee	\$200.00	\$	\$200.00																							
<input checked="" type="checkbox"/> c) Search fee	\$500.00	\$	\$500.00																							
TOTAL OF ABOVE CALCULATIONS =		\$1000.00	\$	\$1,000.00																						
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																										
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE																						
- 100 =	/50 =			x \$250.00	\$ 0.00																					
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).																										
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																							
Total claims	44	- 20 = 24	x \$50.00	\$ 1,200.00																						
Independent claims	7	- 3 = 4	x \$200.00	\$ 800.00																						
MULTIPLE DEPENDENT CLAIMS (if applicable)			<input type="checkbox"/> +	\$360.00	\$ 0.00																					
			TOTAL OF ABOVE CALCULATIONS =	\$3,130.00																						
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																										
SUBTOTAL = \$3,130.00																										
Processing fee of \$130.00 for furnishing the English translation later than 37 CFR 1.492(f). Replaces 3800-0017553700 the earliest claimed priority date (37 CFR 1.492(f)). DAH:071969 Name/Number:10540759																										
TOTAL NATIONAL FEE = \$3,130.00																										
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ 0.00																										
TOTAL FEES ENCLOSED = \$3,130.00																										
Amount to be refunded: \$ Amount to be charged: \$																										
a. <input checked="" type="checkbox"/> A check in the amount of \$ 3,130.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is																										
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1969. A duplicate copy of this sheet is enclosed.																										
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																										
SEND ALL CORRESPONDENCE TO: GREENLEE, WINNER AND SULLIVAN, P.C. 4875 Pearl East Circle, Suite 200 Boulder, CO 80301 Telephone (303) 499-8080 Facsimile: (303) 499-8089 Email: winner@greenwin.com																										
 SIGNATURE Michael J. Curtis NAME 54,053 REGISTRATION NUMBER																										

10/540759
JC09 R-1 PCT/PTO 24 JUN 2005

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Attorney Docket No.: 68-05

Applicant(s): Green et al.
Serial No.: Not yet assigned
Filing Date: 24 June 2005
Title: **ENZYME AND POLYNUCLEOTIDES ENCODING THE SAME**

I hereby certify that the following correspondence:

1. Check for \$3,130.00
2. Transmittal Letter to the DO/EO/US under 35 U.S.C. 371 (2 pgs)
3. Application data sheet (3 pgs)
4. Preliminary Amendment (9 pgs)
5. PCT/NZ2003/000294 (w/drawings and sequences)
6. International Search Report (4 pgs)
7. International Preliminary Examination Report (7 pgs)
8. Return Postcard

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

Mail Stop PCT
Commissioner for Patents,
PO Box 1450
Alexandria, VA 22313-1450

On June 24, 2005

B. Kroge
(Typed or Printed Name of Person Mailing Correspondence)

B. Kroge
(Signature of Person Mailing Correspondence)

EV 642 816 555 US
(Express Mail" Mailing Label Number)